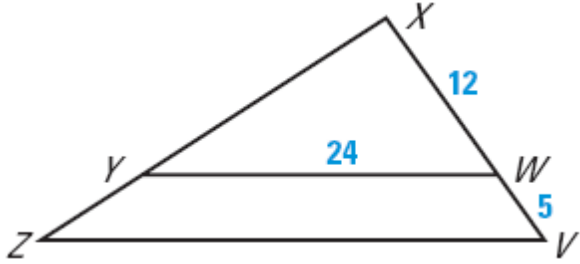
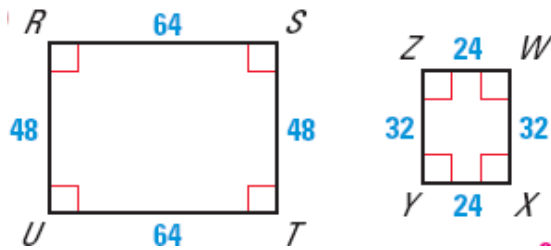


1.	<p>PERIMETER The perimeter of a rectangle is 154 feet. The ratio of the length to the width is 10 : 1. Find the length and the width.</p>
2.	<p>USING EXTENDED RATIOS The measures of the angles of a triangle are in the extended ratio given. Find the measures of the angles of the triangle.</p> <p>3 : 5 : 10</p>
3.	<p>GEOMETRIC MEAN Find the geometric mean of the two numbers.</p> <p>32 and 8</p>
4.	<p>Given $\frac{XW}{XV} = \frac{YW}{ZV}$, find ZV.</p> 

5.

DETERMINING SIMILARITY Determine whether the polygons are similar. If they are, write a similarity statement and find the scale factor.

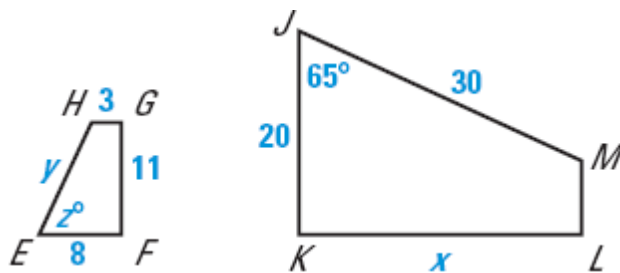


6.

PERIMETER Two similar FOR SALE signs have a scale factor of 5 : 3. The large sign's perimeter is 60 inches. Find the small sign's perimeter.

7.

USING SIMILAR POLYGONS In the diagram, $JKLM \sim EFGH$.



Find the scale factor of $JKLM$ to $EFGH$.

Find the values of x , y , and z .

Find the perimeter of each polygon.

